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FEB 20 2001

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January 3, 2001

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No. 09/703,600
TIERED NETWORK ACCESS FOR INCREASED SECURITY
Applicants: Kevin D. Snow et al.
Attorney Docket No: 102689-64

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO-1449, forty-eight (48) references cited therein; and
3. Return postcard.

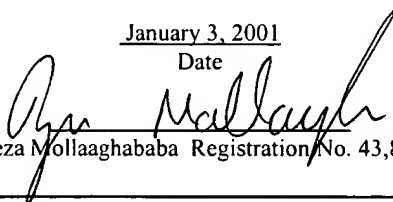
Please charge any additional fee to our Deposit Account No. 141449.

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January 3, 2001

Date


Reza Mollaaghababa Registration No. 43,810

Respectfully submitted,


Reza Mollaaghababa

Reg. No. 43,810

Nutter, McClennen & Fish, LLP

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TC 2100 MAILROOM

Applicants : Kevin D. Snow et al.

Application No. : 09/703,600

Filed : November 1, 2000

Entitled : TIERED NETWORK
ACCESS FOR INCREASED
SECURITY

Docket No. : 102689-64

Group Art Unit: Not Yet
Assigned

Examiner: Not Yet Assigned

Certificate of Mailing (37 C.F.R. 1.8(a))

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January 3, 2001

By:

Date of Signature and Mail Deposit

Reza Mollaaghababa

Reg. No: 43,810

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Applicants hereby cite for the record in this application the enclosed documents listed on the attached copy of PTO Form 1449. In accordance with 37 CFR §1.98(d), copies of the references are not submitted herewith insofar as they are all believed to be in the Examiner's file already. The references were previously cited in United States Patent Application No.

Application No.: 09/703,600
Filed: November 1, 2000
Group Art Unit No.: Not Yet Assigned

09/670,455 filed on September 26, 2000. If a copy of any reference is needed, please call the undersigned at the telephone number indicated below.

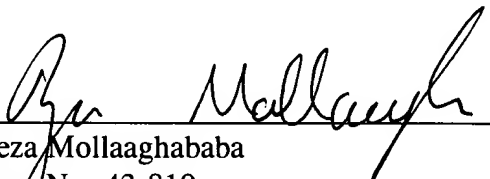
The enclosed Information Disclosure Statement is being filed within three months of the filing date of the above-identified application. Accordingly, Applicants believe that no fee or certification is required.

The Assistant Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 141449.

Respectfully submitted,

NUTTER, MCCLENNEN & FISH, LLP

Date: January 3, 2001



Reza Mollaaghababa
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Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO:
102689-64APPLICATION NO:
09/703,600

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANTS:
Kevin D. Snow et al.FILING DATE:
November 1, 2000GROUP ART UNIT:
Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AA	4	7	5	0	1	3	6	06/88	Arpin et al.	364	514	
	AB	4	9	4	2	5	4	0	07/90	Black et al.	364	514	
	AC	5	5	1	5	4	0	3	05/96	Sloan et al.	375	371	
	AD	5	6	3	8	4	1	0	06/97	Kuddes	375	357	
	AE	5	7	2	6	6	0	7	03/98	Brede et al.	331	2	
	AF	5	8	5	0	3	9	9	12/98	Ganmukhi et al.	370	412	
	AG	5	9	0	3	5	6	4	05/99	Ganmukhi et al.	370	399	
	AH	5	9	0	5	7	3	0	05/99	Yang et al.	370	429	
	AI	5	9	2	6	4	6	3	07/99	Ahearn et al.	370	254	
	AJ	5	9	5	3	3	1	4	09/99	Ganmukhi et al.	370	220	
	AK	5	9	9	1	1	6	3	11/99	Marconi et al.	361	788	
	AL	5	9	9	1	2	9	7	11/99	Palnati et al.	370	389	
	AM	5	9	9	5	5	1	1	11/99	Zhou et al.	370	412	
	AN	6	0	0	8	8	0	5	12/99	Land et al.	345	335	

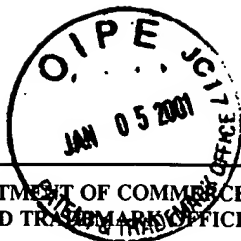
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	BA	9	8	2	6	6	1	1	06/98	PCT				
	BB	9	9	0	5	8	2	6	02/99	PCT				
	BC	9	9	1	1	0	9	5	03/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CA	"The Abatis Network Services Contractor," Abatis Systems Corporation product literature, 1999;											
	CB	AtiMe-3E Data Sheet, 1-17 (March 8, 2000);											
Examiner		Date Considered:											
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.											

Form PTO-1449 (Rev. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO: 102689-64		APPLICATION NO: 09/703,600						
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)						APPLICANTS: Kevin D. Snow et al.								
						FILING DATE: November 1, 2000		GROUP ART UNIT: Not Yet Assigned						
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*	
	AO	6	0	0	8	9	9	5	12/99	Pusateri et al.	361	796		
	AP	6	0	1	5	3	0	0	01/00	Schmidt, Jr. et al.	439	61		
	AQ	6	0	2	1	1	1	6	02/00	Chiussi et al.	370	236		
	AR	6	0	2	1	2	6	3	02/00	Kujoory et al.	395	200.62		
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BD	9	9	1	4	8	7	6	03/99	PCT				
	BE	9	9	2	7	6	8	8	06/99	PCT				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)														
	CC	Black, D., "Building Switched Networks," pp. 85-267;												
	CD	Black, D., "Managing Switched Local Area Networks A Practical Guide" pp. 324-29;												
	CE	"Configuration," Cisco Systems Inc. webpage, pp. 1-32 (September 20, 1999);												
	CF	Leroux, P., "The New Business Imperative: Achieving Shorter Development Cycles while Improving Product Quality," QNX Software Systems Ltd. webpage, (1999);												
	CG	NavisXtend Accounting Server, Ascend Communications, Inc. product information (1997);												
	CH	NavisXtend Fault Server, Ascend Communications, Inc. product information (1997);												
	CI	NavisXtend Provisioning Server, Ascend Communications, Inc. product information (1997);												
	CJ	Network Health LAN/WAN Report Guide, pp. 1-23												
	CK	"Optimizing Routing Software for Reliable Internet Growth," JUNOS product literature (1998);												
	CL	PMC-Sierra, Inc. website (March 24, 2000);												
	CM	Raddalgoda, M., "Failure-proof Telecommunications Products: Changing Expectations About Networking Reliability with Microkernel RTOS Technology," QNX Software Systems Ltd. webpage, (1999)												
Examiner		Date Considered:												
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Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
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09/703,600**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*APPLICANTS:
Kevin D. Snow et al.FILING DATE:
November 1, 2000GROUP ART UNIT:
Not Yet Assigned**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AS	6	0	3	3	2	5	9	03/00	Daoud	439	573	
	AT	6	0	4	1	3	0	7	03/00	Ahuja et al.	705	8	
	AU	6	0	4	4	5	4	0	04/00	Fontana	29	505	
	AV	6	0	7	8	5	9	5	06/00	Jones et al.	370	503	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BF	9	9	3	0	5	3	0	06/99	PCT				
	BG	9	9	3	5	5	7	7	07/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CN	"Real-time Embedded Database Fault Tolerance on Two Single-board Computers," Polyhedra, Inc. product literature;
	CO	"Start Here: Basics and Installation of Microsoft Windows NT Workstation," product literature (1998);
	CP	Syndesis Limited product literature, 1999;
	CQ	"Using Polyhedra for a Wireless Roaming Call Management System," Polyhedra, Inc., (prior to May 20, 2000);
	CR	Veritas Software Corporation webpage, 2000.

Examiner

Date Considered:

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